

Serial No. 09/606,050

H-926

IN THE CLAIMS

Claims 1-4 (Canceled)

Claims 5-12 (Withdrawn)

13. (Currently Amended) A computer system comprising:
~~multiple~~ a plurality of client computers, ~~;~~
~~multiple various~~ a plurality of servers, ~~;~~
~~multiple various~~ a plurality of storages which have
multiple disk drives and keep data in said plurality of disk
drives, ~~;~~

a local area network (LAN) which connects said
computers ~~and~~ with said servers and, ~~;~~

a storage area network (SAN) which lies between said
servers and said storages ~~wherein,~~

wherein said SAN forms a switched circuit network
~~which is having fiber channel switches and capable of arranged~~
~~to connecting connect any of~~ said servers and ~~any of~~ said
storages through said fiber channel switches, and said
computer system comprising:

a terminal, which is ~~connecting~~ connected to said LAN,
~~which is and~~ equipped with operation and management software
which performs storage management, including management of
logical volumes in said ~~various~~ storages, management of data
arrangement ~~such as~~ including moving data in one of said
logical volumes to ~~other~~ another of said logical volumes,

Serial No. 09/606,050

H-926

DA
2/21

management of error monitoring for said ~~various~~ storages,
management of setting up said fiber channel switches, and
management of a backup operation for data in said storages.

14. (New) The computer system as claimed in claim 13, wherein said SAN is connected to SAN in another computer system via a wide area network (WAN).

DA
2/21

15. (New) The computer system as claimed in claim 13 wherein, when a backup copy of data in the primary volume in a storage is made to a backup device in a non-disruptive manner, the secondary volume corresponding to the primary volume is created by internal functions in the relevant storage, copies are made from said primary volume to said secondary volume, the made copies are transferred to said backup device via said SAN without passing said LAN, and thereby backup is achieved.

16. (New) A computer system comprising:
a plurality of client computers;
a plurality of servers;
a plurality of storages which keep data;
a local area network (LAN) which connects said computers with said servers; and
a storage area network (SAN) which lies between said servers and said storages,
wherein said SAN forms a switched circuit network having fiber channel switches and arranged to connect any of

Serial No. 09/606,050

H-926

said servers and any of said storages through said fiber channel switches, and

wherein when a backup copy of data in a primary volume in one of said storages is to be made to a backup device in a non-disruptive manner, said one of said storage is arranged to receive a volume split instruction from one of said servers, process as if data in the primary volume were kept in a secondary volume of said one of said storages as it is at the time of receiving said instruction, and made the backup copy from said secondary volume to the backup device.
